

FIG. 1

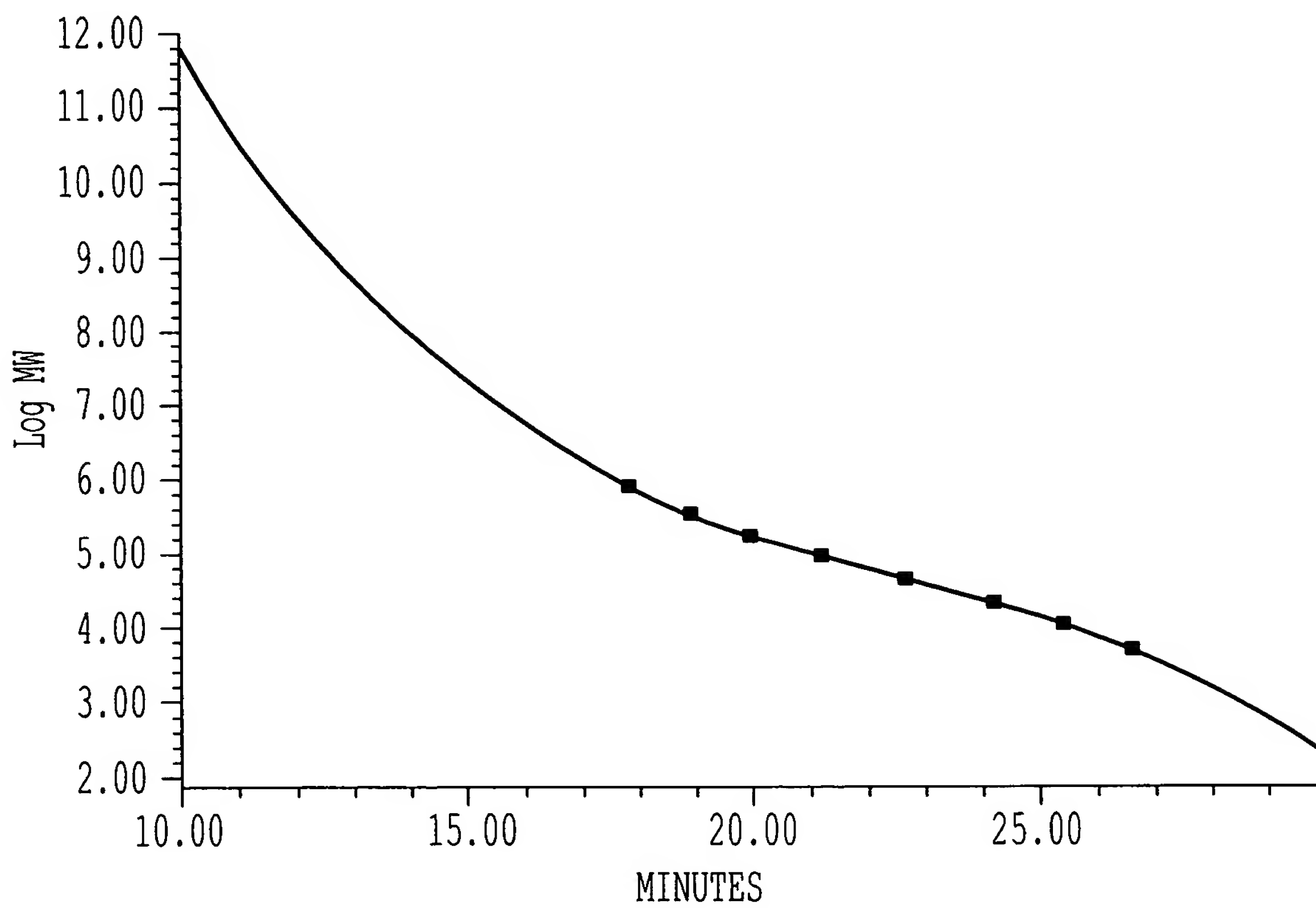


FIG. 2a

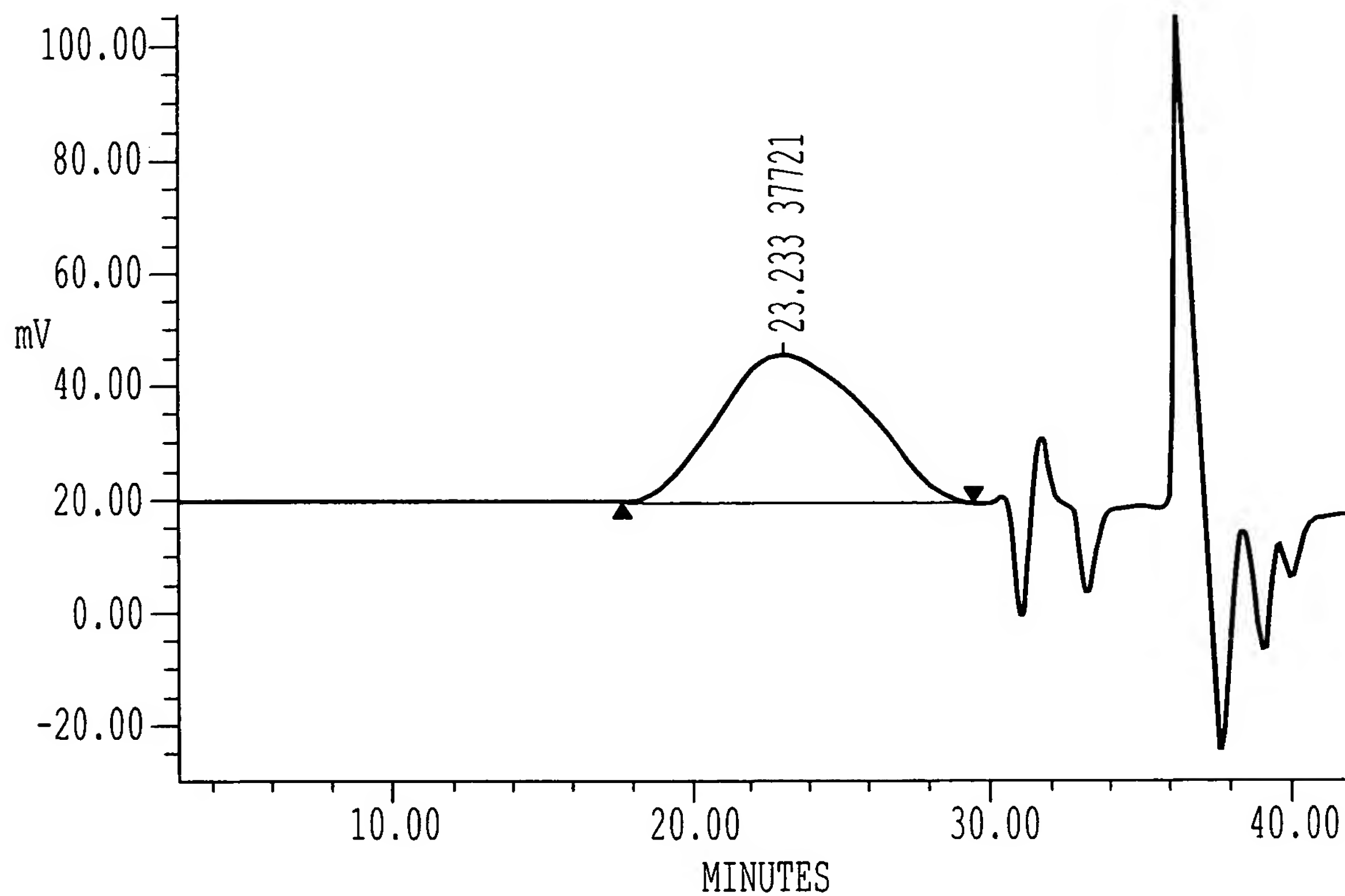


FIG. 2b

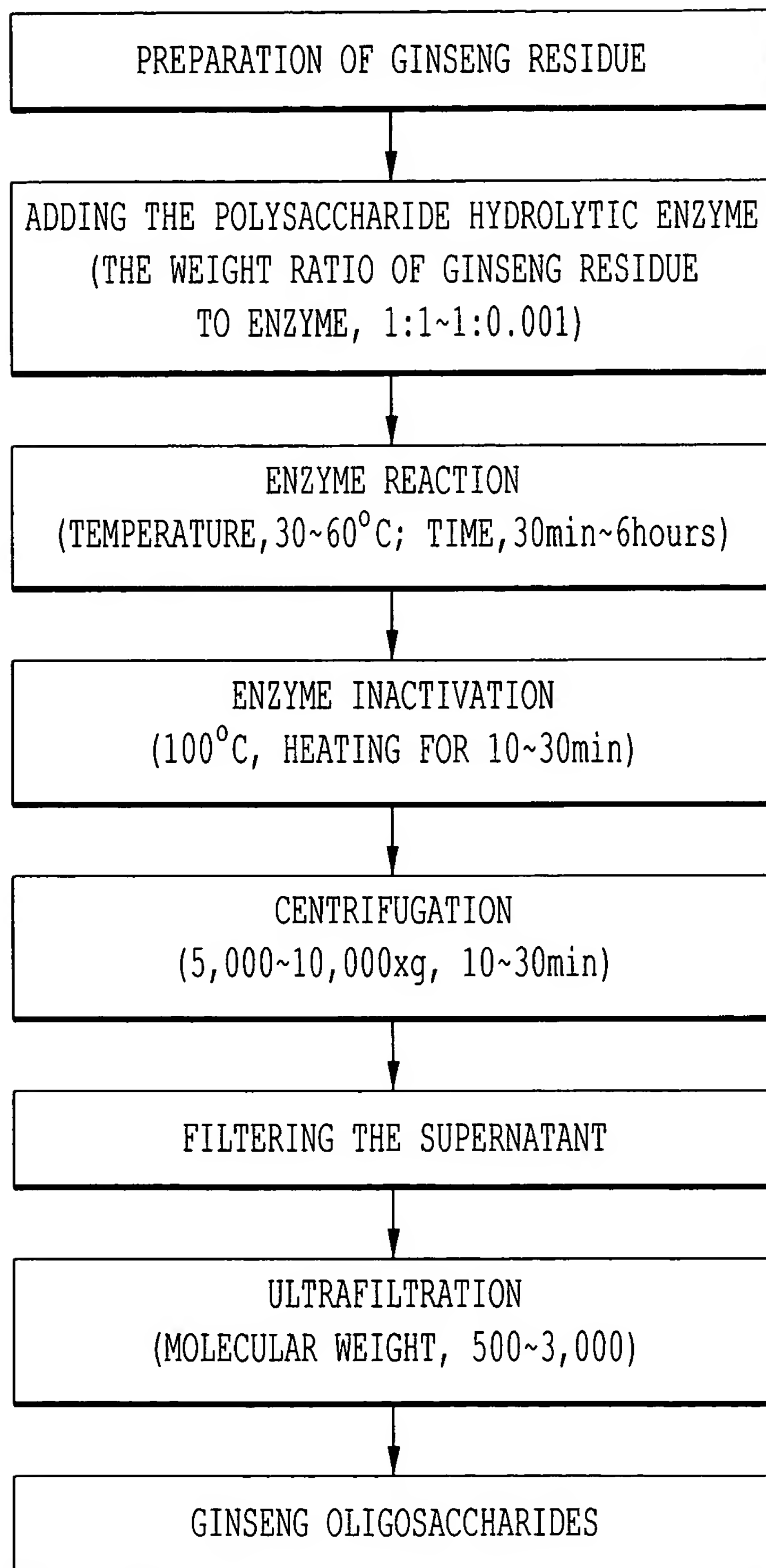
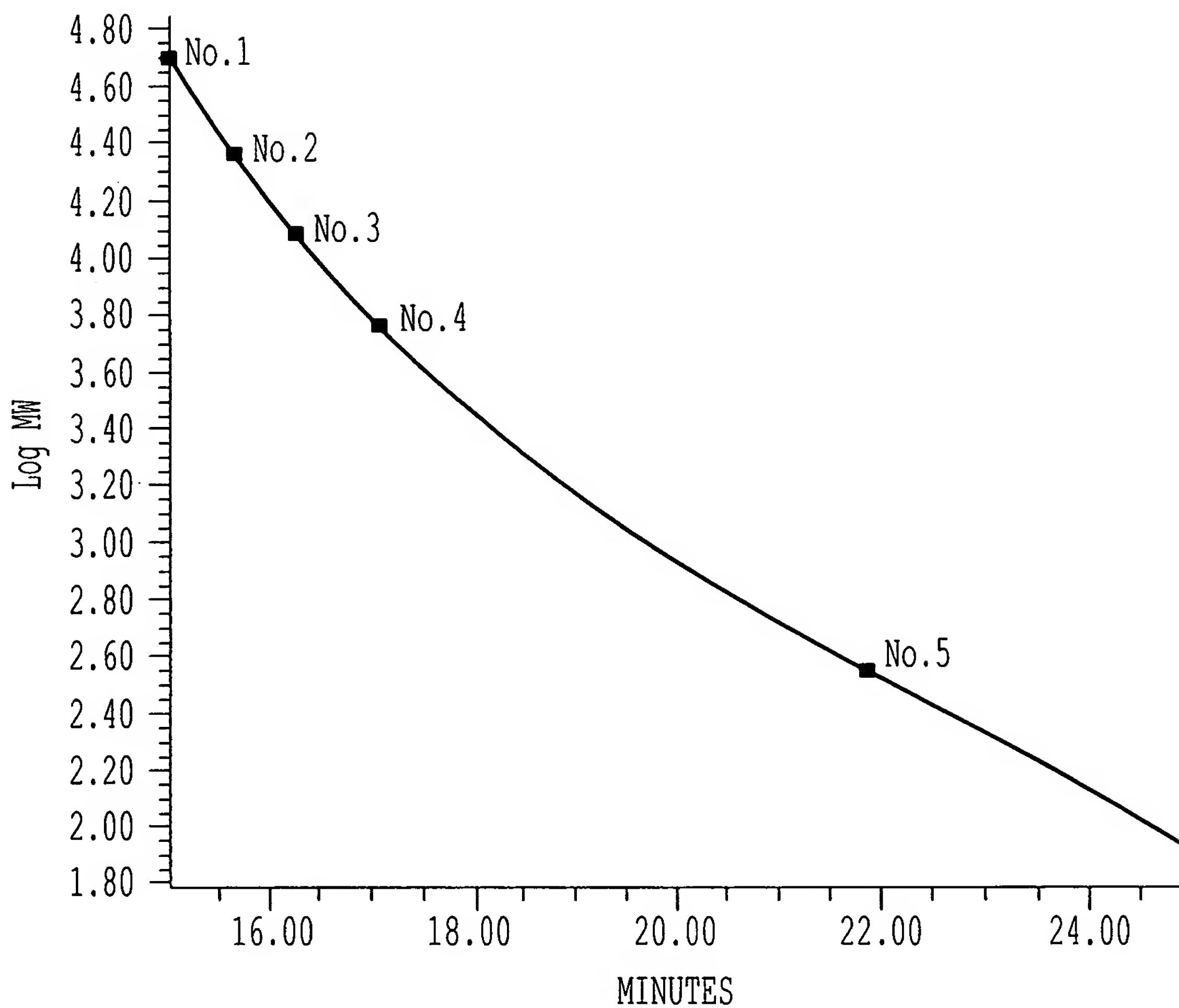


FIG. 3



Note: 1. Pullulan(elution time 15:017min, M.W. 50,000)
2. Pullulan(elution time 15:683min, M.W. 23,000)
3. Pullulan(elution time 16:263min, M.W. 12,200)
4. Pullulan(elution time 17:083min, M.W. 5,800)
5. Pullulan(elution time 21:870min, M.W. 360)

FIG. 4a

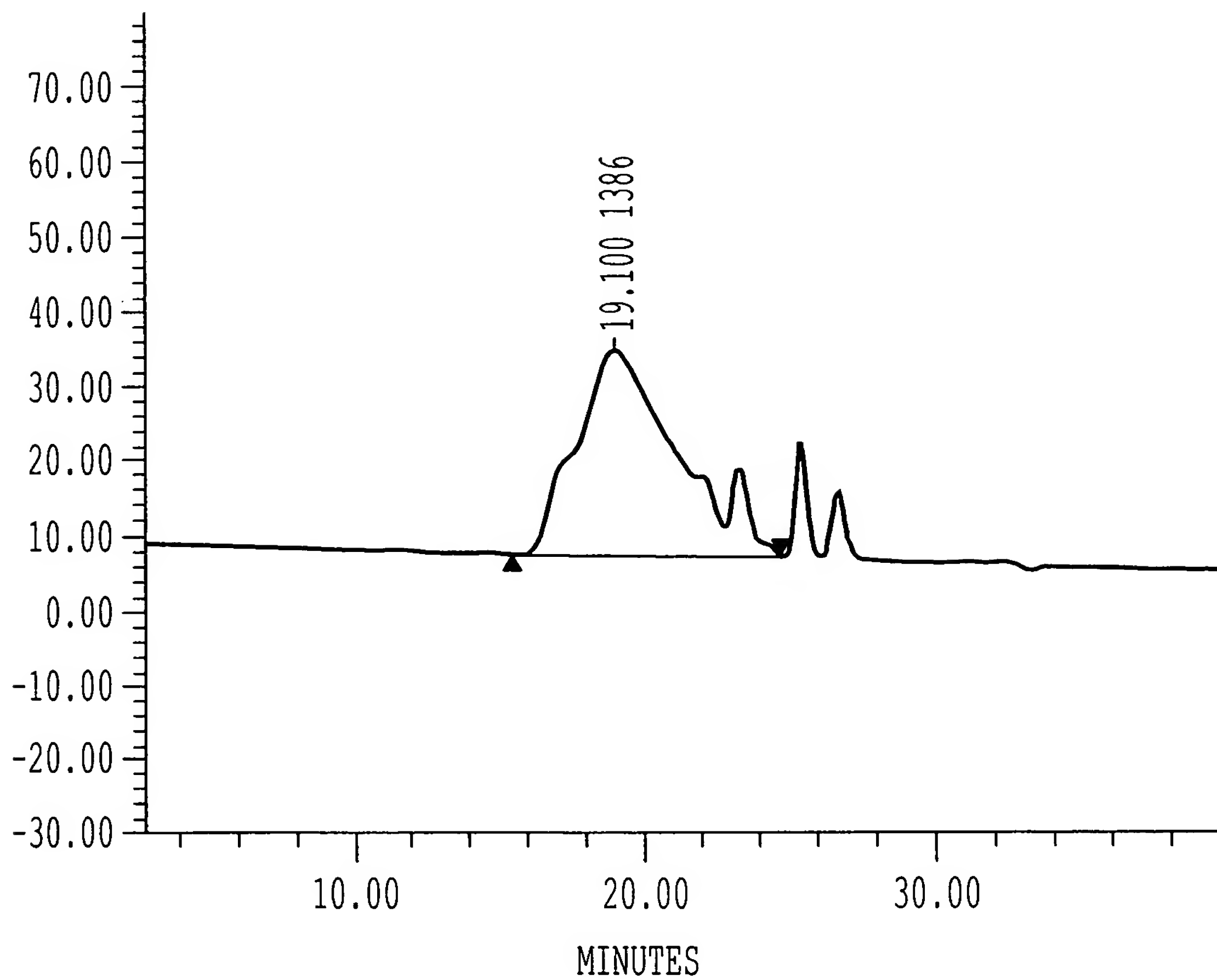


FIG. 4b

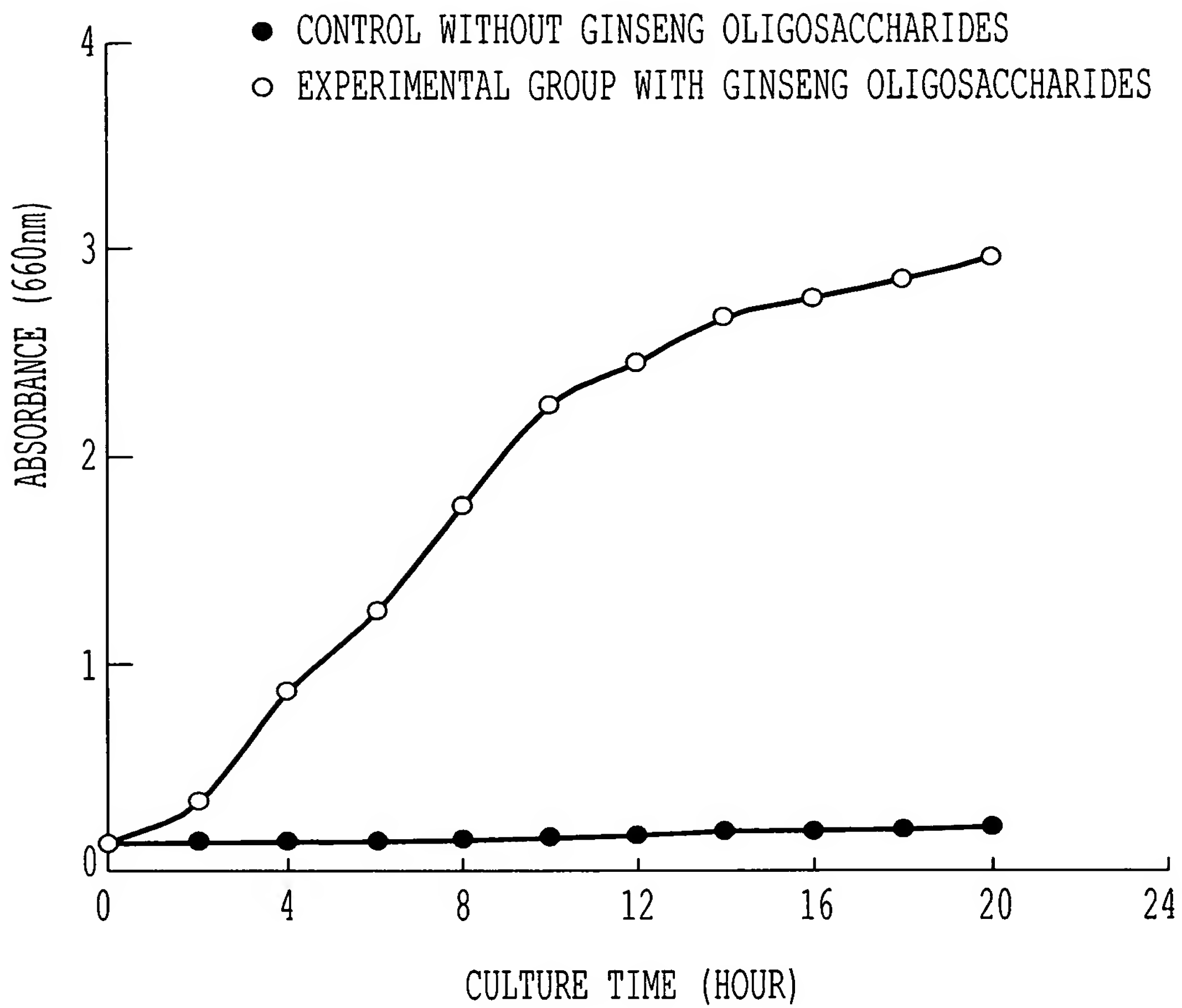


FIG. 5